

Amendments to the Claims:

This listing of claims replaces all prior version and listings of claims in the application.

Listing of Claims:

1. (currently amended) An image generator program providing apparatus for sending an image generator program to a receiver apparatus, ~~said the~~ the image generator program configured to generate a plurality of images of a subject, each ~~said image of the plurality of images~~ based on parameters having a different setting value and captured data obtained from ~~said the~~ subject, said image generator program providing apparatus comprising:

a communication device ~~for communicating~~ configured to communicate with ~~said the~~ receiver apparatus; and

a controller device ~~for sending~~ configured to:

send to said the receiver apparatus through said communication device ~~[[a]]~~ the plurality of said images generated by executing said the image generator program with different setting values of said parameters, and for sending, the parameters; and

send the image generator program having the setting values of the parameters configured to comply with a selection result to the receiver apparatus through said communication device, the image generator program sent in accordance with the selection result of selection received through said communication device on [[the]] images desired by said the receiver apparatus, said image generator program having the setting values of said parameters configured to comply with the selection result to the receiver apparatus through said communication device.

2. (currently amended) An image generator program providing apparatus according to claim 1, wherein:

said controller device ~~generates~~ is configured to:

generate the plurality of images having image display characteristics selectable in compliance with each of the different setting values of ~~said the~~ parameters based on ~~[[the]]~~ a processing result ~~of processing~~ by ~~said the~~ image generator program configured to have different setting values of ~~said parameters~~, ~~sends thus the parameters~~;

send the generated plurality of images to ~~said the~~ receiver apparatus through said communication ~~device~~, device; and

based on the selection result ~~of selection~~ by ~~said the~~ receiver apparatus on the desired images ~~desired thereby~~, ~~sends an~~ send the image generator program having setting values of ~~said the~~ parameters configured to comply with ~~said the~~ selection result through said communication device to ~~said the~~ receiver apparatus.

3. (currently amended) An image generator program providing apparatus for sending an image generator program to a receiver apparatus, ~~said the~~ image generator program configured to generate a plurality of images of a subject, each ~~said image of the plurality of images~~ based on parameters having a different setting value and captured data obtained from ~~said the~~ subject, said image generator program providing apparatus comprising:

a communication device ~~for communicating~~ configured to communicate with ~~said the~~ receiver apparatus; and

a controller device ~~for sending~~ configured to:

send to ~~said the~~ receiver apparatus through said communication device ~~[[a]]~~ the plurality of images generated by executing said the image generator program with the captured data received from ~~said the~~ receiver apparatus through said communication device and with various setting values of ~~said the~~ parameters configured ~~differently, and for sending, differently; and~~

send the image generator program having the setting values of the parameters configured to comply with a selection result to the receiver apparatus through said

communication device, the image generator program sent in accordance with the selection result of selection received through said communication device on ~~[[the]]~~ images desired by ~~said the~~ receiver apparatus, ~~said image generator program having the setting values of said parameters configured to comply with the selection result to the receiver apparatus through said communication device.~~

4. (currently amended) An image generator program providing apparatus, according to claim 3, wherein:

said controller device generates is configured to:

generate the plurality of images having image display characteristics selectable in compliance with each of the setting values of ~~said the~~ parameters based on the captured data received from ~~said the~~ receiver apparatus through said communication device and ~~on the~~ as a processing result of processing by ~~said the~~ image generator program configured to have different setting values of ~~said parameters, sends thus the parameters;~~

send the generated plurality of images to ~~said the~~ receiver apparatus through said communication ~~device, device;~~ and

based on the selection result of selection by ~~said the~~ receiver apparatus on the desired images ~~desired thereby, sends an send the~~ image generator program having setting values of ~~said the~~ parameters configured to comply with ~~said the~~ selection result through said communication device to ~~said the~~ receiver apparatus.

5. (currently amended) An image generator program providing apparatus according to claim 1, wherein:

~~said the~~ image generator program is executed on a medical imaging apparatus including an X-ray ~~CT (computed tomography scanning) and an MRI (magnetic resonance imaging)~~ computed tomography (CT) apparatus or a magnetic resonance imaging (MRI) apparatus, which at least scans ~~said the~~ subject to generate ~~said the~~ captured data; and ~~said~~

~~medical imaging apparatus~~ performs a reconstruction according to ~~said the~~ captured data to generate medical images in compliance with parameters of image display characteristics.

6. (currently amended) An image generator program providing apparatus according to claim 1, wherein:

~~said the~~ parameters ~~includes~~ include at least one of a parameter for high-pass filtering, a coefficient for thinning out views, a parameter for back-projection, a coefficient for edge enhancement of images, a filter frequency of band-pass filtering, a coefficient for noise reduction, [[or]] and a parameter relating to the image reconstruction; and

~~said controller device executes said~~ is configured to execute the image generator program with different setting values of ~~said the~~ parameters to ~~generates a~~ generate the plurality of images, and send ~~them~~ the plurality of images to ~~said the~~ receiver apparatus.

7. (currently amended) An image generator program providing system for sending an image generator program from an originator apparatus that is a provider of the image generator program to a receiver apparatus that is the destination of the image generator program, ~~said the~~ image generator program configured to generate a plurality of images of a subject, each ~~said image~~ of the plurality of images based on parameters having a different setting value and captured data obtained from ~~said the~~ subject, said originator apparatus comprising:

a first controller device ~~for sending~~ configured to:

send to said receiver apparatus [[a]] the plurality of ~~said~~ images generated by executing ~~said the~~ image generator program with different setting values of ~~said parameters, and for sending the parameters; and~~

send to [[the]] said receiver apparatus ~~said the~~ image generator program having the setting values of ~~said the~~ parameters configured to comply with [[the]] a selection result received from said receiver apparatus;

said receiver apparatus comprising:

a second controller device ~~for selecting said~~ configured to select images desired from ~~said the~~ plurality of images received from said originator apparatus and to send the selection result ~~of selection~~ back to said originator apparatus.

8. (currently amended) An image generator program providing system according to claim 7, wherein:

said first controller device ~~generates~~ is configured to:

generate the plurality of images having image display characteristics selectable in compliance with each of the setting values of ~~said the~~ parameters based on the result of processing by ~~said the~~ image generator program configured to have different setting values of ~~said parameters, sends thus~~ the parameters;

send the generated plurality of images to said receiver apparatus, apparatus;
and

based on the selection result ~~of selection~~ by said receiver apparatus on the desired images ~~desired thereby, sends an~~ send the image generator program having setting values of ~~said the~~ parameters configured to comply with ~~said the~~ selection result to said receiver apparatus; and

said second controller device ~~selects~~ is configured to select the desired images based on ~~said the~~ plurality of images received from said originator apparatus to send the selection result ~~of selection~~ back to said originator apparatus.

9. (currently amended) An image generator program providing system according to claim 7, wherein:

~~said the~~ image generator program is executed on a medical imaging apparatus including an X-ray CT (~~computed tomography scanning~~) and an MRI (~~magnetic resonance imaging~~) computed tomography (CT) apparatus or a magnetic resonance imaging (MRI) apparatus, which at least scans ~~said the~~ subject to generate ~~said the~~ captured data; ~~and said medical imaging apparatus data,~~ executes ~~said the~~ image generator program based on ~~said the~~

captured data and according to the setting values of ~~said~~ the parameters to reconstruct the plurality of images, and generates the plurality of images of ~~said~~ the subject in compliance with the setting values of ~~said~~ the parameters.

10. (currently amended) An image generator program providing system according to claim 7, wherein:

~~said the~~ parameters ~~includes~~ include at least one of a parameter for high-pass filtering, a coefficient for thinning out views, a parameter for back-projection, a coefficient for edge enhancement of images, a filter frequency of band-pass filtering, a coefficient for noise reduction, [[or]] and a parameter relating to the image reconstruction; and

~~said originator apparatus executes~~ said is configured to execute the image generator program with different setting values of ~~said the~~ parameters to ~~generates a~~ generate the plurality of images, and send ~~them~~ the plurality of images to said receiver apparatus.

11. (currently amended) An image generator program providing apparatus according to claim 3, wherein:

~~said the~~ image generator program is executed on a medical imaging apparatus including an X-ray ~~CT (computed tomography scanning)~~ and an ~~MRI (magnetic resonance imaging)~~ computed tomography (CT) apparatus or a magnetic resonance imaging (MRI) apparatus, which at least scans ~~said the~~ subject to generate ~~said the~~ captured data; and ~~said medical imaging apparatus~~ data and performs a reconstruction according to ~~said the~~ captured data to generate medical images in compliance with parameters of image display characteristics.

12. (currently amended) An image generator program providing apparatus according to claim 3, wherein:

~~said the~~ parameters ~~includes~~ include at least one of a parameter for high-pass filtering, a coefficient for thinning out views, a parameter for back-projection, a coefficient for edge

enhancement of images, a filter frequency of band-pass filtering, a coefficient for noise reduction, [[or]] and a parameter relating to the image reconstruction; and

said controller device ~~executes said~~ is configured to execute the image generator program with different setting values of ~~said the~~ parameters to generate the plurality of images, and send ~~them~~ the plurality of images to ~~said the~~ receiver apparatus.

13. (new) An image generator program providing apparatus according to claim 1, further comprising a reconstruction processing unit configured to perform processing of the capture data based on the setting values of the parameters specified by the receiving apparatus.

14. (new) An image generator program providing apparatus according to claim 13, wherein the reconstruction processing unit comprises at least one of a digital filter unit, a view-basis processing unit, a back projection processing unit, and an image processing unit.

15. (new) An image generator program providing apparatus according to claim 3, further comprising a reconstruction processing unit configured to perform processing of the capture data based on the setting values of the parameters specified by the receiving apparatus.

16. (new) An image generator program providing apparatus according to claim 15, wherein the reconstruction processing unit comprises at least one of a digital filter unit, a view-basis processing unit, a back projection processing unit, and an image processing unit.

17. (new) An image generator program providing system according to claim 1, wherein said originator apparatus further comprises a reconstruction processing unit configured to perform processing of the capture data based on the setting values of the parameters specified by said receiving apparatus.

18. (new) An image generator program providing system according to claim 17, wherein the reconstruction processing unit comprises at least one of a digital filter unit, a view-basis processing unit, a back projection processing unit, and an image processing unit.

19. (new) An image generator program providing system according to claim 7, wherein said receiver apparatus further comprises a storage unit configured to store the image generator program.

20. (new) An image generator program providing system according to claim 19, wherein said storage unit is further configured to store the capture data and the plurality of images.